

DETAILED ACTION

1. This Office Action is in response to the Amendment filed 7/8/2010. Claims 1, 3 and 6-8 are now pending.

The drawings filed on 9/25/2006 are accepted by the Examiner.

Examiner's Amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Thomas Hunter on 7/16/2010.

3. The application has been amended as follows:

Claim 1, line 5, change "copolymer and ratio" to -- copolymer and a weight ratio --;

Claim 3, line 2, delete "further".

Allowable Subject Matter

4. Claims 1, 3 and 6-8 are allowed.
5. The following is an examiner's statement of reasons for allowance:

Art Unit: 1796

The present claims are allowable over the closest references: Yuji et al. (JP 2001-031937).

Yuji et al. disclose a plate-shaped bonding material comprising ethylene-vinyl acetate copolymer and organic peroxide such as t-butyl peroxide 2-ethylhexyl carbonate (claim 1, [0017]).

Thus, Yuji et al. do not teach or fairly suggest the claimed sheet-shaped adhesive comprising ethylene-vinyl acetate copolymer, organic peroxide and triallyl (iso)cyanurate contained therein, wherein the organic peroxide is contained in the amount of 2.2 to 3.0 parts by weight based on 100 parts by weight of the ethylene-vinyl acetate copolymer and ratio of the organic peroxide to triallyl isocyanurate is in the range of 60:40 to 52:48.

The table below shows the results obtained between the Examples I-II and Comparison Examples I-II. The sheets obtained in Examples I-II containing the peroxy carbonate in the specific amount and satisfying the ratio of the organic peroxide to triallyl isocyanurate in the range of 60:40 to 52:48 showed excellent torque, penetration resistance, reduced haze and haze variation compared with the Comparison Examples I-II.

	Example		Comparison Example	
	I	II	I	II
t-butylperoxy-2-ethylhexylcarbonate	2.5	3	1.5	2.5
TAIC	2	2	2	1.5

Art Unit: 1796

Coupling agent	0.5	0.5	0.5	0.5
Peroxide portion	55.6	60.0	42.9	62.5
TAIC portion	44.4	40.0	57.1	37.5
Cure torque	108	110	88	103
Penetration resistance	A	A	C	C
Haze	0.2	0.2	0.4	0.3
Haze ratio	230%	230%	306%	325%

In light of the above discussion, it is evident as to why the present claims are patentable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUI CHIN whose telephone number is (571)270-7350. The examiner can normally be reached on Monday to Friday; 8:00am - 5:00pm EST.

Art Unit: 1796

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wu can be reached on 571-272-1114. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

/Ling-Siu Choi/
Primary Examiner, Art Unit 1796

/HC/